

Summer Institute on Teaching Mathematics and Science in English
Cyprus, June 2006
Dorit Kaufman
Stony Brook University
Stony Brook, NY 11794-4376

**Language Development through
Mathematics and Science**
Interdisciplinary Thematic Unit

Your task involves the creation of an interdisciplinary thematic unit. Your unit should integrate language and disciplines that include science and mathematics. Use the following outline to plan your unit.

Created by: _____

Theme

Standards:

Goals and objectives:

Age group / Grade level:

Pre and Post Assessment Plan:

Resources, equipment, supplies:

Processes and procedures:

Development of language skills: (reading, writing, oral, vocabulary enrichment)

Development of mathematical and scientific concepts:

Graphic Organizers (e.g. graphs, charts, pictures, timeline):

Ideas for integrating the arts: (e.g. poetry, literature, music, drama)

Ideas for integrating technology:

Annotated bibliography of suggested literature:

Annotated bibliography of teacher resources: